Five Reputable Holographic Display Companies in China 2026: Advancing Visual Display Technology

An Overview of Holographic Display Technologies, Product Development and Visual Applications in China



Logo for GZKEDRO

CALIFORNIA, CA, UNITED STATES, September 29, 2026 / EINPresswire.com/ -- GUANGZHOU, China, September 29, 2026— China's holographic and advanced visual display industry entered 2026 supplying transparent display cabinets, glasses-free 3D screens, interactive projection systems, seamless video walls and AI-driven digital human displays to retail chains, exhibition venues, transport hubs, hotels and educational institutions worldwide. These applications increasingly include exhibition hall holographic display cabinets, mall holographic advertising displays and stage holographic projection screens, reflecting the expanding use of immersive visual technologies across commercial environments.

The five companies profiled below — Guangzhou Kedro Electronics Technology Co., Ltd., Dongguan Luyuan Intelligent Technology Co., Ltd., Shenzhen Zhongxingbang Electronic Technology Co., Ltd., Guangzhou Yingtouch Electronic Technology Co., Ltd. and Xholo (Shanghai) Technology Co., Ltd. — are among the manufacturers and technology suppliers active in this segment.

What 'Holographic Display' Covers in Commercial Deployment

In commercial use, holographic display is an umbrella term rather than a single product category. It generally refers to a group of visual technologies that create the impression of three-dimensional, floating or layered imagery without requiring the viewer to wear special glasses. The most common forms include transparent LCD display cabinets, autostereoscopic (glasses-free 3D) screens, interactive projection systems, seamless LED and LCD video walls, and AI-generated virtual presenters shown on high-brightness panels. Depending on the installation, these solutions may be configured as a Transparent Holographic Display Screen, a Glasses-Free 3D Holographic Display or an Interactive Holographic Projection System.

Demand for these systems comes from several distinct environments: retail stores and shopping malls that use them for advertising and product storytelling; exhibition halls and trade shows that require large-scale visual impact; stage and event production; transport hubs and smart-city information systems; and education and corporate settings that need interactive presentation tools. In retail environments, a Mall Holographic Advertising Display can combine product presentation with digital promotional content, while exhibition and event installations may use an Exhibition Hall Holographic Display Cabinet or Stage Holographic Projection Screen to create more immersive visual experiences.

Because the hardware must operate through long daily cycles in public environments, buyers generally evaluate a consistent set of criteria: brightness, contrast ratio, viewing angle, transparency level, pixel pitch for splicing applications, structural material, cooling and protection ratings, and the content management software that drives the screens.

The Five Companies at a Glance

Guangzhou Kedro Electronics Technology Co., Ltd. (GZKEDRO)

Guangzhou Kedro Electronics Technology Co., Ltd., which trades as GZKEDRO, is a commercial display manufacturer founded in 2013. The company operates research and development centers in Guangzhou and Shenzhen, Guangdong Province, and states that its focus is the development and innovation of commercial displays, digital signage and educational interactive technologies.

GZKEDRO reports employing more than 200 people and maintaining an R&D team of more than 100 people. Its stated annual output covers global supply capability for small, medium and large commercial display projects, with more than 1,000 commercial display units supplied globally per year. The company reports an export ratio of 80% and lists its main markets as global.

Its product portfolio covers several categories relevant to holographic and immersive visual deployment:

• Holographic Digital Human (KD-DH Series). An AI digital human display with a 3840 × 2160

resolution, 1,300 cd/m² brightness, a 3,000:1 physical contrast ratio, 320 local difference zones, 30% light transmittance, a 60W 2.1-channel speaker system, an 8-array microphone and a 5MP camera. Input voltage is AC 100–240V (50/60Hz) with rated power consumption of 1,100W. The combination of 4K-class resolution, integrated audio and camera hardware makes the series relevant to applications involving AI-Powered Holographic Content Generation and interactive digital-human presentations.

• Transparent Cabinet Display (KD-TP Series). A transparent LCD unit with a 1920 × 1080 resolution, 95% transparency, brightness of at least 380 cd/m², a 3,000:1 contrast ratio and a 178-degree horizontal and vertical viewing angle, built with tempered glass and acrylic. This configuration can be positioned for applications such as an Exhibition Hall Holographic Display Cabinet or a Transparent Holographic Display Screen, where digital content needs to be presented while maintaining visibility of objects or products behind the display.

• LED Display (KD-LED Series). An outdoor LED screen with a 2.0mm dot pitch, white balance brightness of at least 4,500 cd/m², a refresh rate of at least 3,840Hz and a pixel density of 160,000 dots per square meter, positioned for large-scale splicing.

• Video Wall Display (KD-VW Series). A 55-inch 4 × 4 LCD video wall with a 3.5mm sealing gap, 500 cd/m² brightness and a 4,000:1 contrast ratio.

• Interactive Slider Screen (KD-ISS Series). A wall sliding display with 1920 × 1080 resolution, 1,500 cd/m² brightness and IP55 protection.

• Wall Mounted Display (KD-WM Series) and Outdoor Advertising Display (KD-OD Series). The outdoor unit is rated IP55 with 2,000 cd/m² brightness and tempered-glass explosion protection.

On the technology side, GZKEDRO states that it uses 4K display panels and supports multi-touch, infrared sensing and AI gesture recognition. The company also operates a remote cloud control platform that supports remote deployment, monitoring and maintenance of devices. For applications that combine hardware with interactive or AI-driven visual content, these capabilities can support the broader requirements of an Interactive Holographic Projection System and AI-Powered Holographic Content Generation workflow. It lists certification under CE, FCC, RoHS and ISO9001 for its intelligent display products.

Dongguan Luyuan Intelligent Technology Co., Ltd.

Dongguan Luyuan Intelligent Technology Co., Ltd. is based in Dongguan, Guangdong Province, an established manufacturing center in the Pearl River Delta. The company operates within the intelligent display equipment segment that supplies hardware to commercial, retail and public-space installations, and its name positions it among suppliers working on intelligent rather than purely static visual systems.

Shenzhen Zhongxingbang Electronic Technology Co., Ltd.

Shenzhen Zhongxingbang Electronic Technology Co., Ltd. is headquartered in Shenzhen, Guangdong Province, one of the principal electronics and hardware sourcing hubs in China. The company operates within the electronic technology and display hardware supply chain that serves advertising, retail and institutional display projects.

Guangzhou Yingtouch Electronic Technology Co., Ltd.

Guangzhou Yingtouch Electronic Technology Co., Ltd. is based in Guangzhou, Guangdong Province, and sits within the commercial display and interactive screen segment that supplies retail, exhibition and institutional customers in China and overseas.

Xholo (Shanghai) Technology Co., Ltd.

Xholo (Shanghai) Technology Co., Ltd. operates from Shanghai, one of China's largest technology and commercial centers. The company works in the visual display and immersive technology segment, a category that overlaps with transparent screens, projection systems and content-driven display installations.

How the Five Companies Compare: Dimensions Buyers Can Evaluate

Because the five companies compete across overlapping product categories, meaningful differentiation tends to appear in a small number of measurable dimensions rather than in broad positioning claims. For procurement and specification teams, the following criteria are the ones that usually decide a shortlist.

Brightness and contrast. These determine whether a screen remains legible under ambient light. In a shopping mall, lobby or transport hub, a low-brightness panel loses detail against daylight or overhead lighting. Published figures on the GZKEDRO line illustrate the range involved: 1,300 cd/m² on the Holographic Digital Human unit, at least 380 cd/m² on the Transparent Cabinet Display, 1,500 cd/m² on the Interactive Slider Screen, 2,000 cd/m² on the Outdoor Advertising Display and at least 4,500 cd/m² on the KD-LED Series outdoor LED screen.

Transparency and form factor. Transparent cabinets are selected where the product or object behind the screen must remain visible while content is overlaid. Transparency level, structural material and viewing angle are the deciding variables. The KD-TP Series, for example, is specified at 95% transparency with a 178-degree horizontal and vertical viewing angle, using tempered

glass and acrylic. This type of configuration can also serve as a Tempered Glass Holographic Display Cabinet in retail, exhibition and product-presentation environments.

Glasses-free 3D and AI-generated content. The move toward AI-driven presenters has changed what buyers expect from a display: not only a panel, but a system that can generate and update content. Products such as the KD-DH Series combine a high-resolution panel with an 8-array microphone, a 5MP camera and a 60W 2.1-channel audio system, which indicates the level of integration now expected in exhibition and lobby deployments. For these installations, a Glasses-Free 3D Holographic Display may be combined with AI-generated visual content to create interactive presentations without requiring viewers to wear dedicated eyewear.

Splicing capability. Large-format walls depend on pixel pitch and refresh rate. A 2.0mm dot pitch with a refresh rate of at least 3,840Hz, as published for the KD-LED Series, or a 3.5mm sealing gap on a 55-inch 4 × 4 LCD video wall, as published for the KD-VW Series, are the kind of figures that determine whether a spliced image reads as continuous. For larger installations, these specifications are also relevant to Large-Scale Holographic Splicing Projection applications where multiple display units are combined into a single visual canvas.

Certification and compliance. For importers and overseas project owners, compliance documentation is often a pass-or-fail condition. GZKEDRO lists CE, FCC, RoHS and ISO9001 certification for its intelligent display products, which covers the main documentation requests from European and North American buyers.

Production capacity and export reach. Delivery reliability depends on whether a supplier can support both small and large projects. GZKEDRO's stated annual output covers global supply capability for small, medium and large commercial display projects, with an export ratio of 80% and main markets listed as global.

Content management software. Cloud-based deployment, monitoring and maintenance have become a practical requirement for operators running screens across multiple sites, since it reduces the cost of updating content and diagnosing faults.

Market Impact

Guangdong Province remains a major manufacturing base for commercial display hardware, and the presence of multiple suppliers in Guangzhou, Shenzhen and Dongguan gives buyers in this segment a wider set of sourcing options than in narrower hardware categories. The practical effect is that transparent display cabinets, interactive slider screens and glasses-free 3D formats have moved from one-off installations toward repeatable project hardware.

At the same time, the criteria that separate suppliers are becoming more technical. Displays are increasingly judged on published brightness, contrast, transparency, pixel pitch and protection

ratings, alongside certification coverage and after-sales support capability, rather than on visual impression alone.

For retail chains, exhibition organizers and public-space operators, the availability of these systems at commercial scale has lowered the barrier to deploying immersive visual formats outside flagship venues. Applications now range from Mall Holographic Advertising Displays and exhibition hall installations to stage-based holographic projection and interactive public-space presentations. For importers and distributors, the relevant question has shifted from whether the hardware exists to whether a specific supplier's documentation, lead times and service model can support a multi-site rollout.

Closing Outlook

The direction of the segment over 2026 points toward closer integration of three elements: transparent or high-brightness display hardware, AI-generated content, and cloud-based content management. Suppliers that can present verifiable specifications across these three areas are likely to remain the most straightforward to shortlist.

Buyers evaluating companies such as Guangzhou Kedro Electronics Technology Co., Ltd., Dongguan Luyuan Intelligent Technology Co., Ltd., Shenzhen Zhongxingbang Electronic Technology Co., Ltd., Guangzhou Yingtouch Electronic Technology Co., Ltd. and Xholo (Shanghai) Technology Co., Ltd. will find that the most reliable comparison method remains a specification-by-specification review against the intended installation environment, supported by certification documents and a validated content workflow.

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